

FIG.1

103450 20250600

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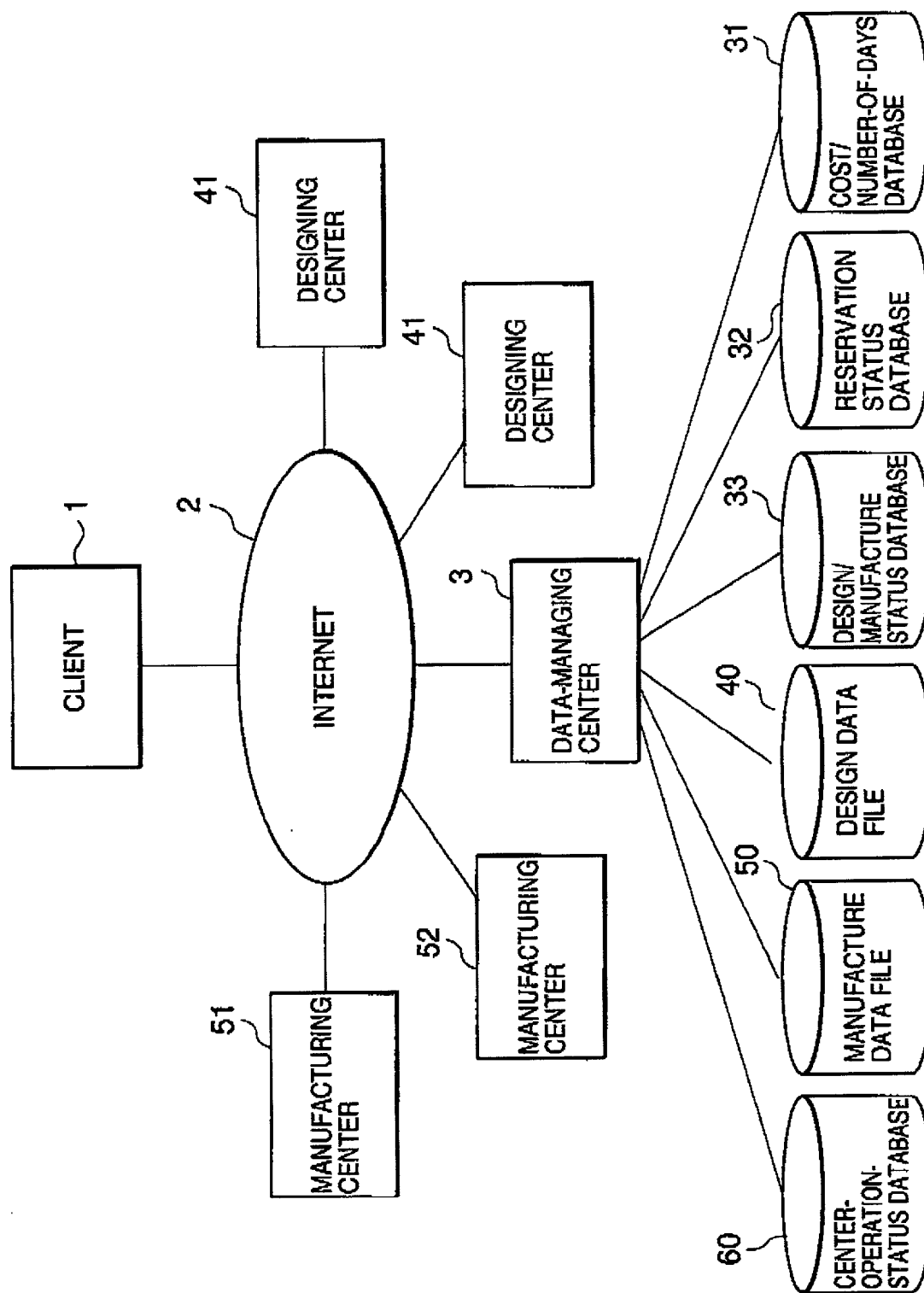


FIG.2

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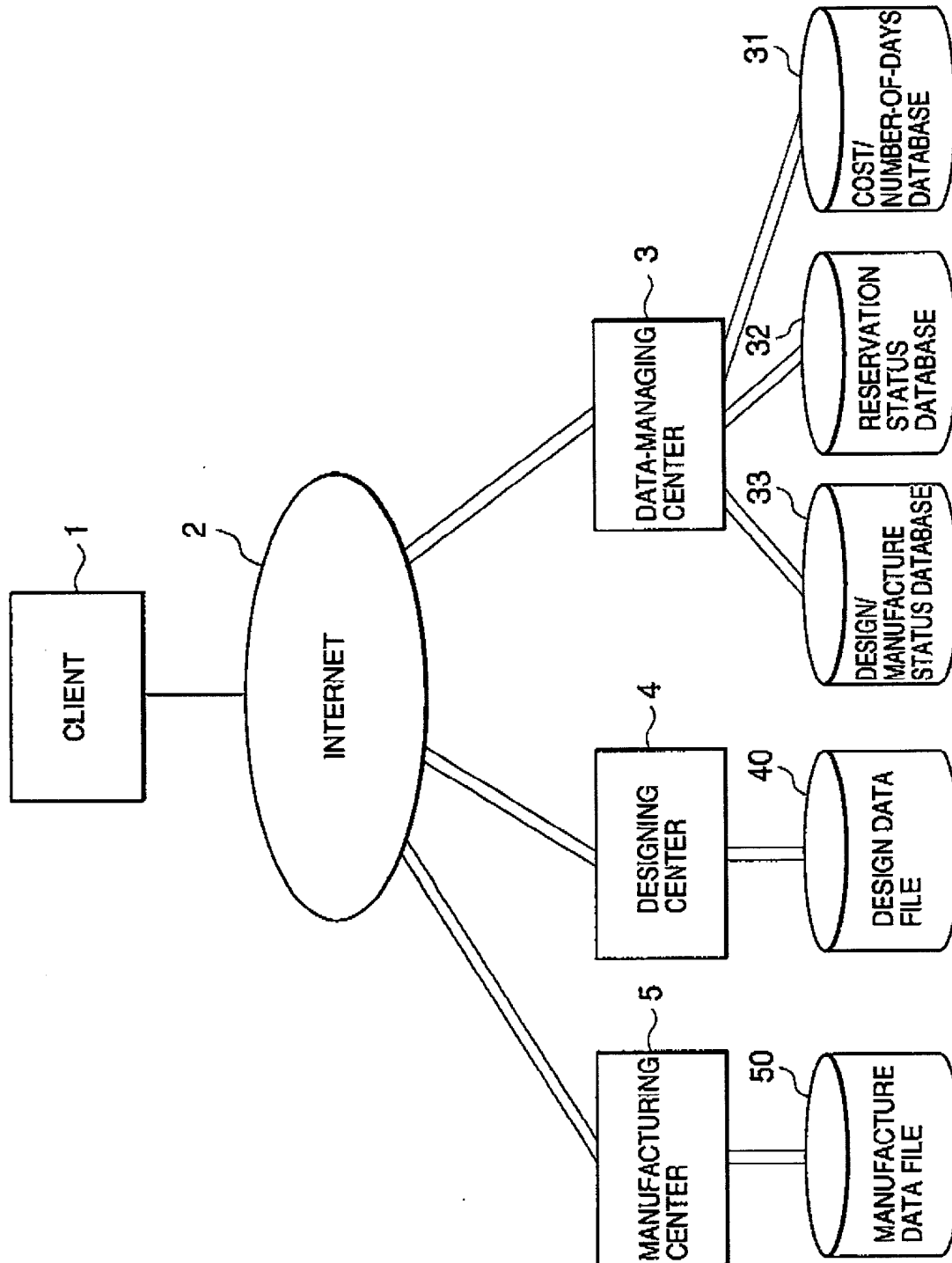


FIG.3

109150 225360

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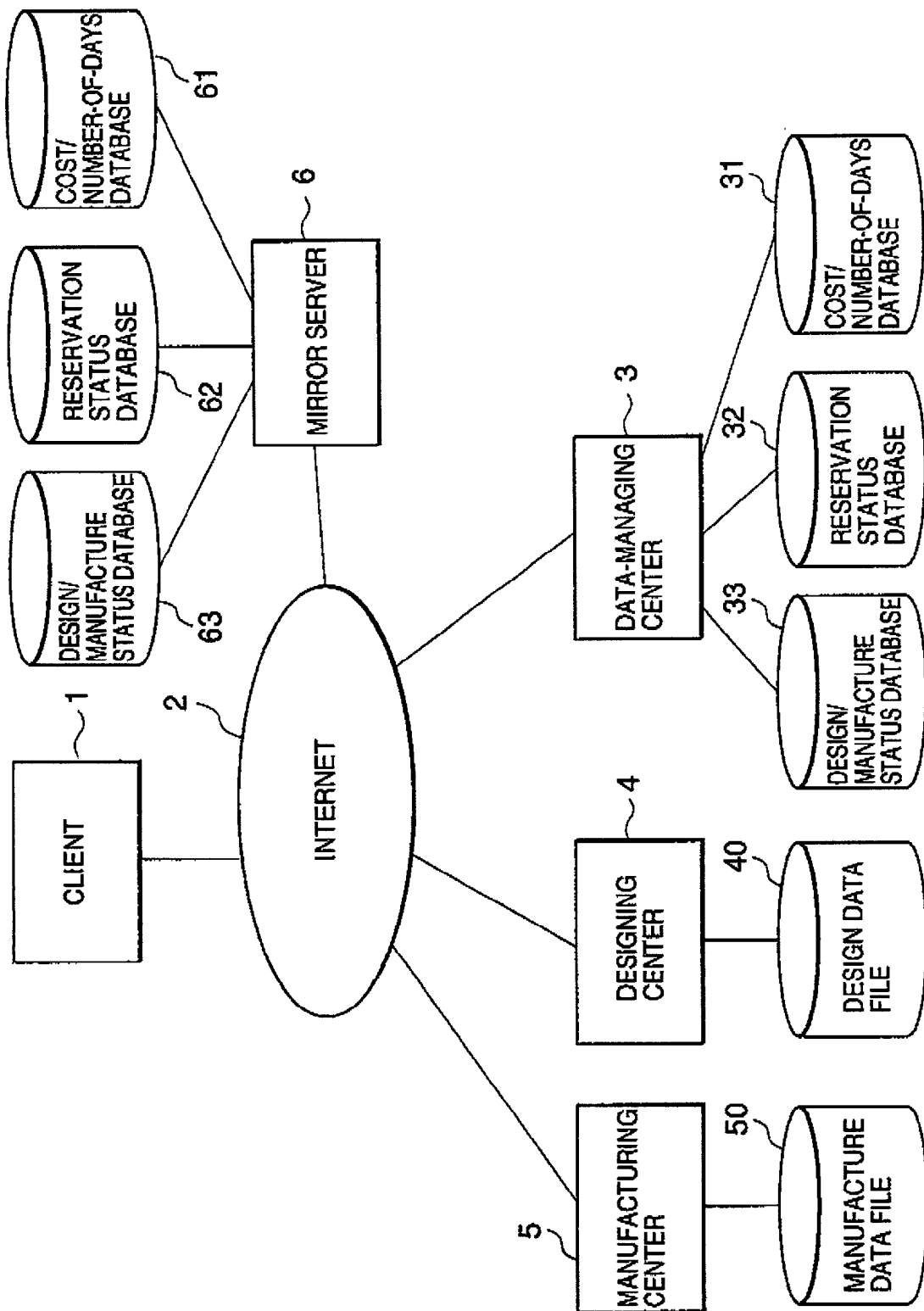


FIG.4

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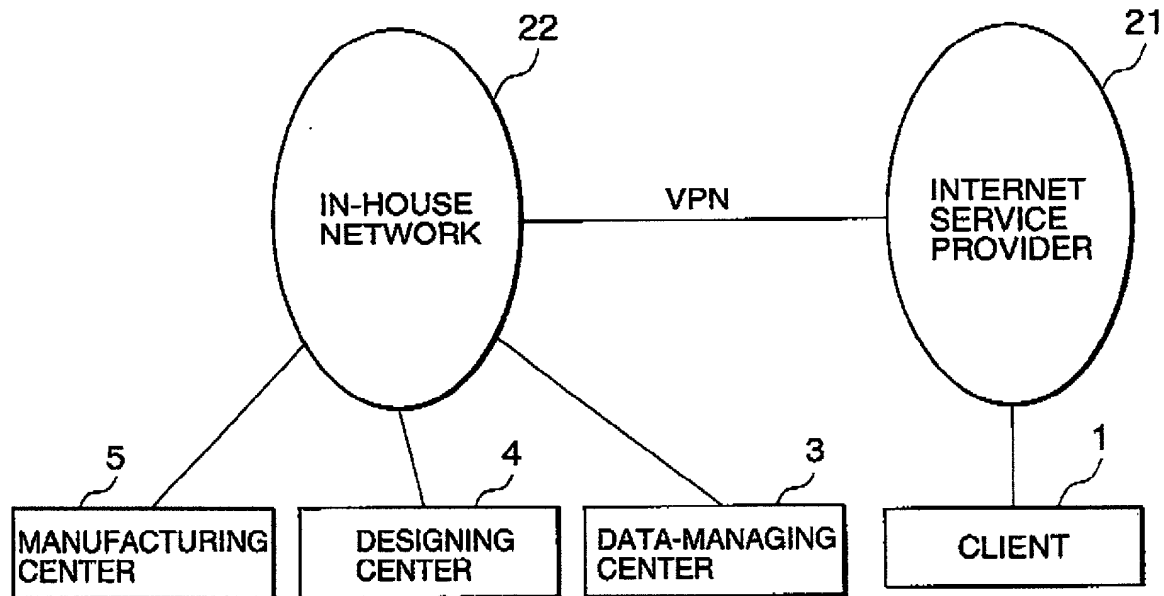


FIG.5

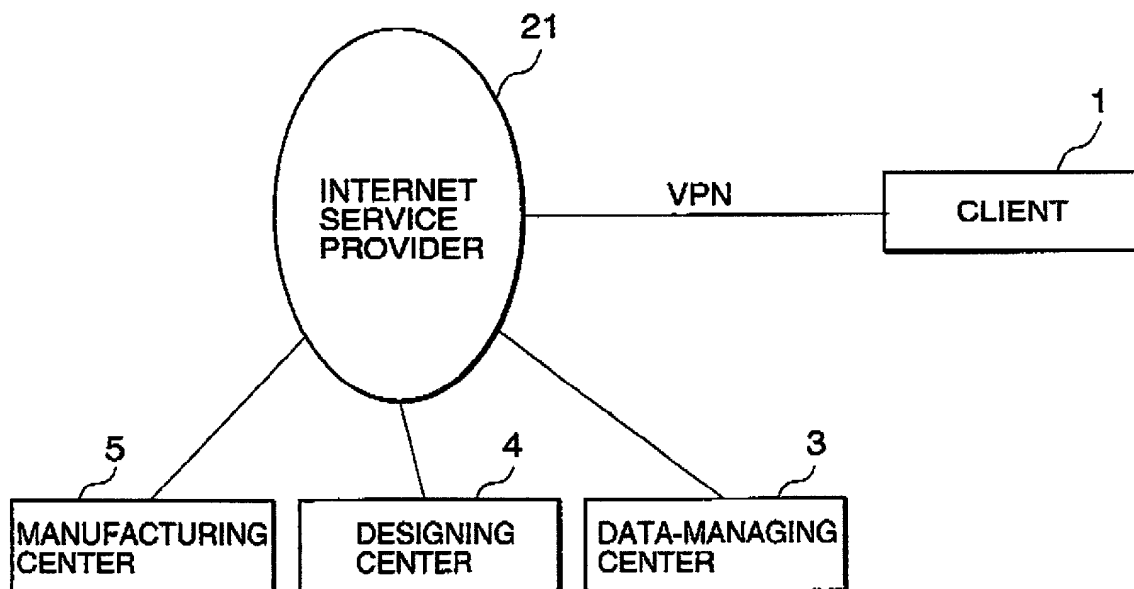


FIG.6

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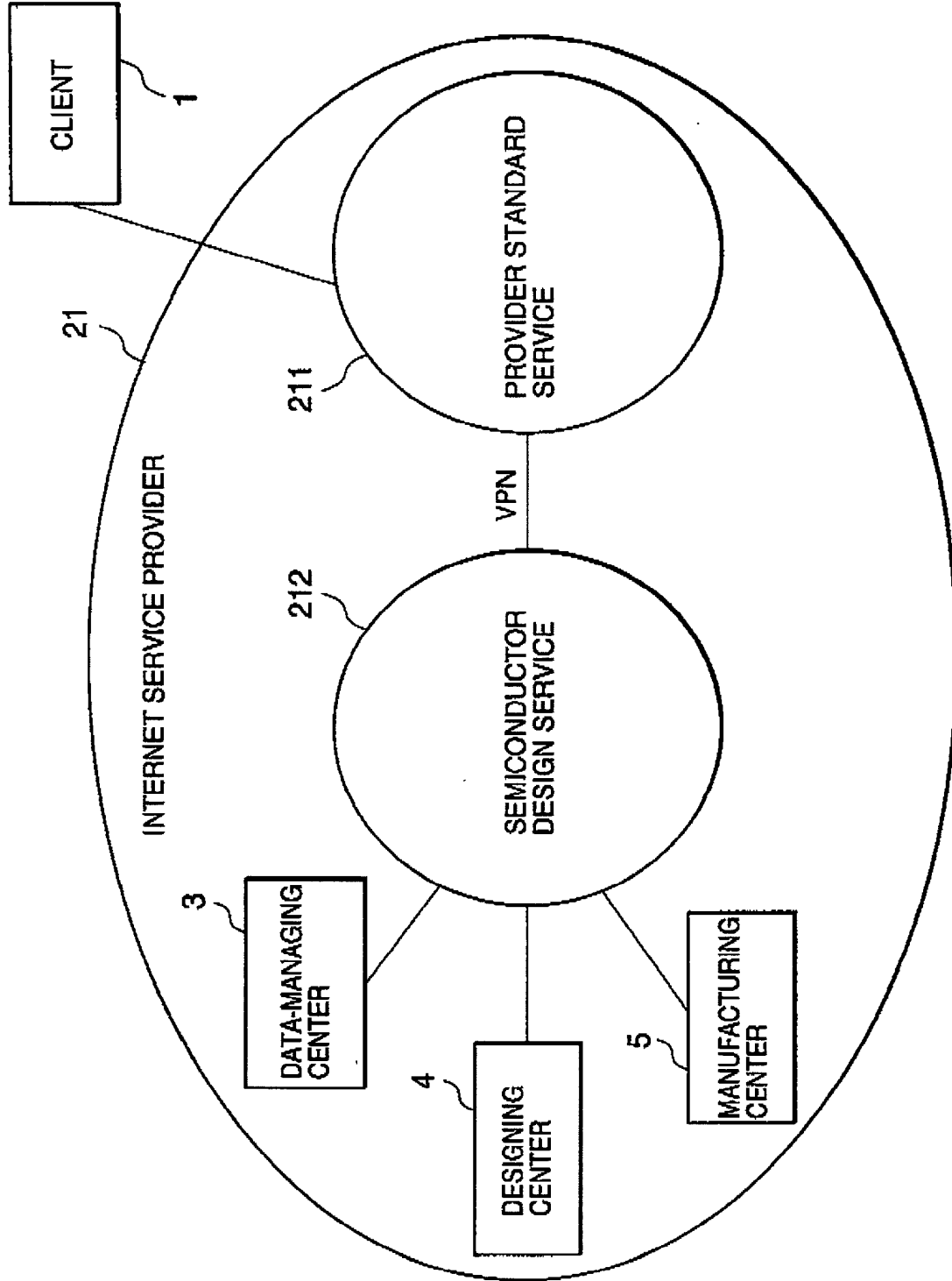


FIG.7

FIG. 7

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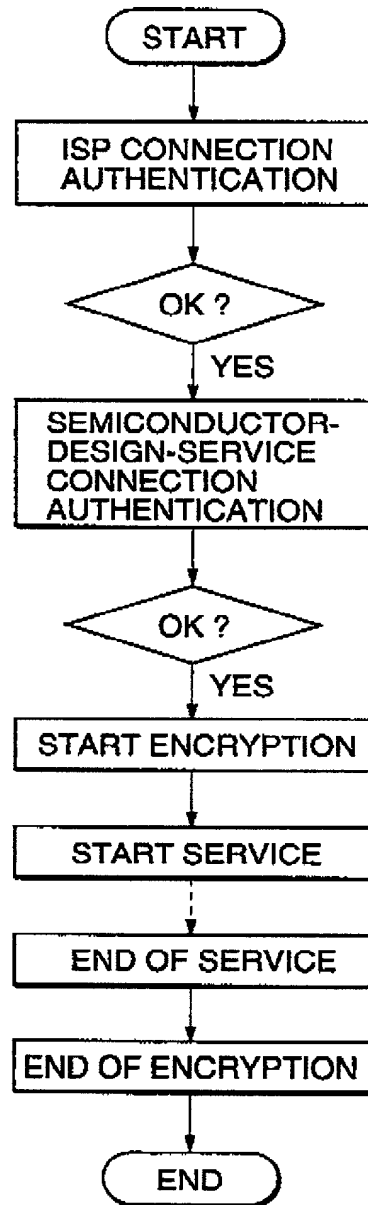


FIG.8

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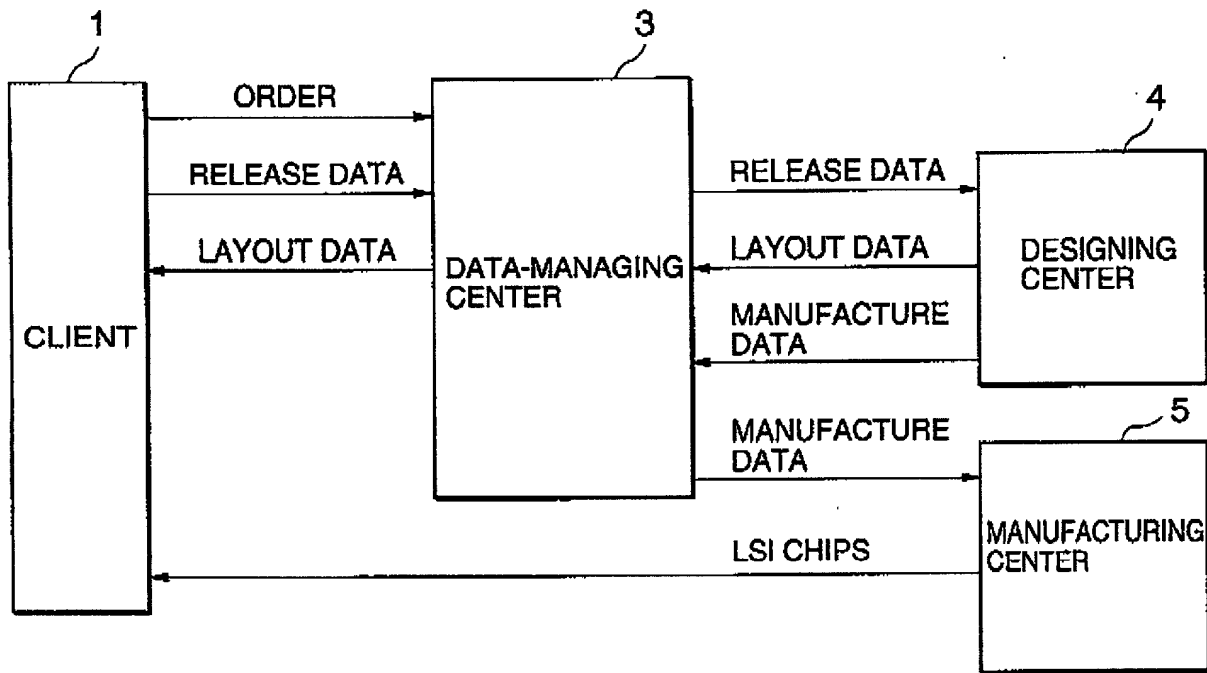


FIG. 9

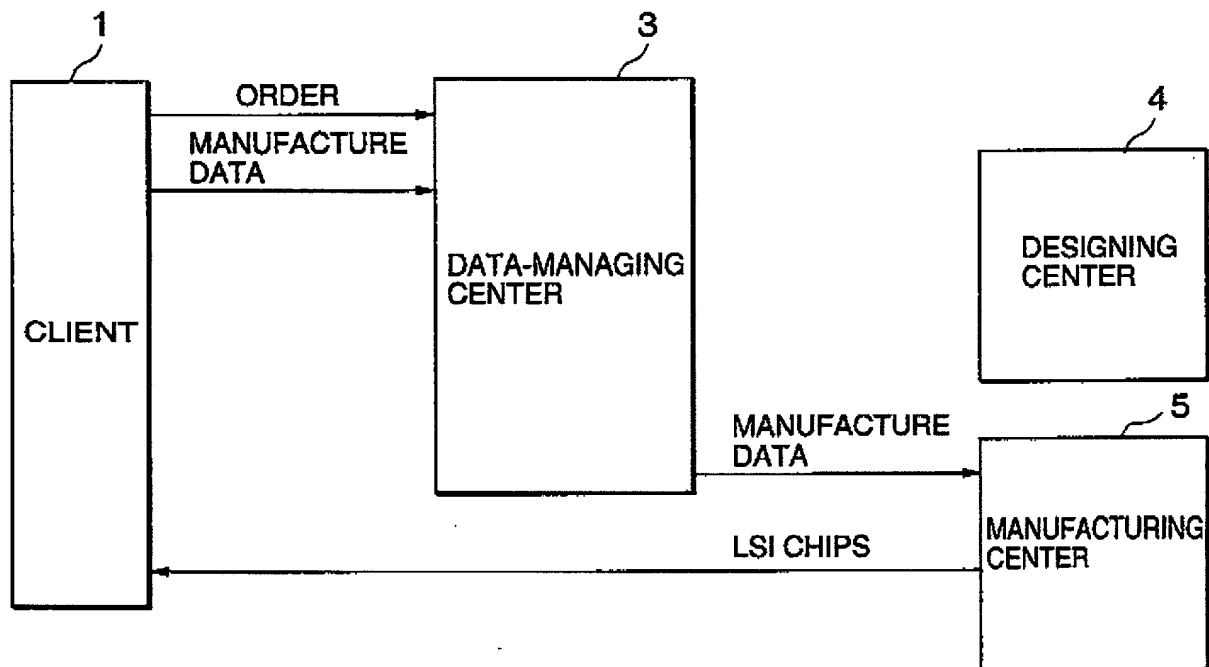


FIG. 10

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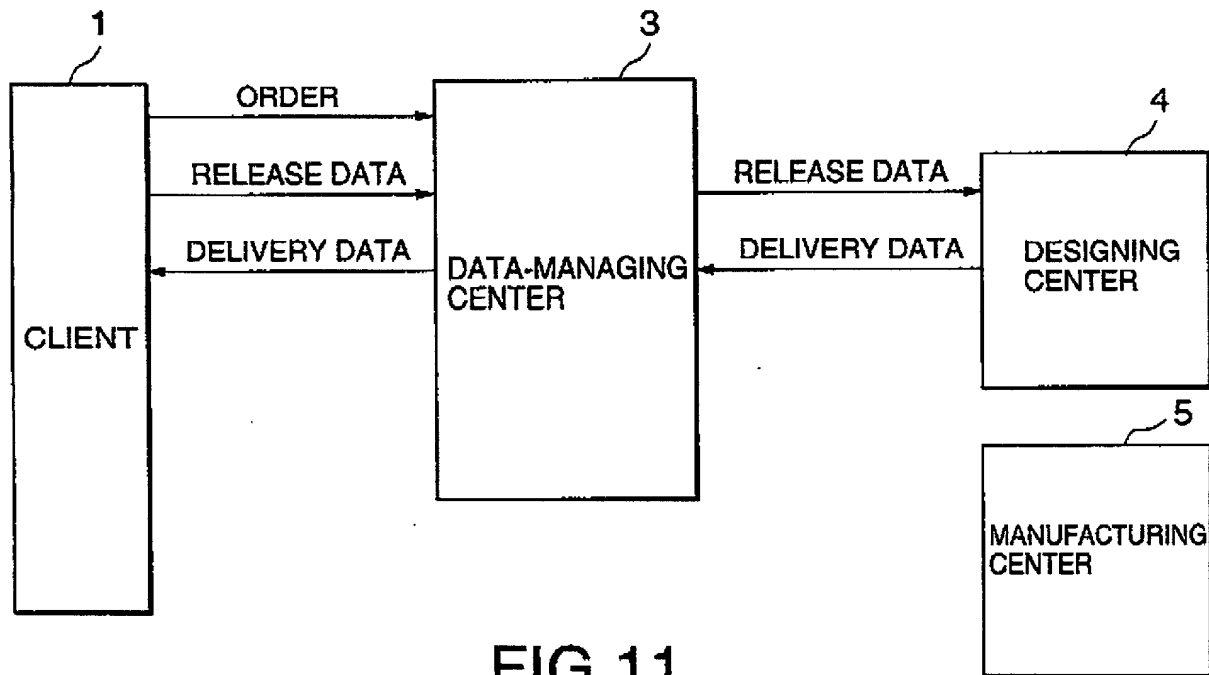


FIG. 11

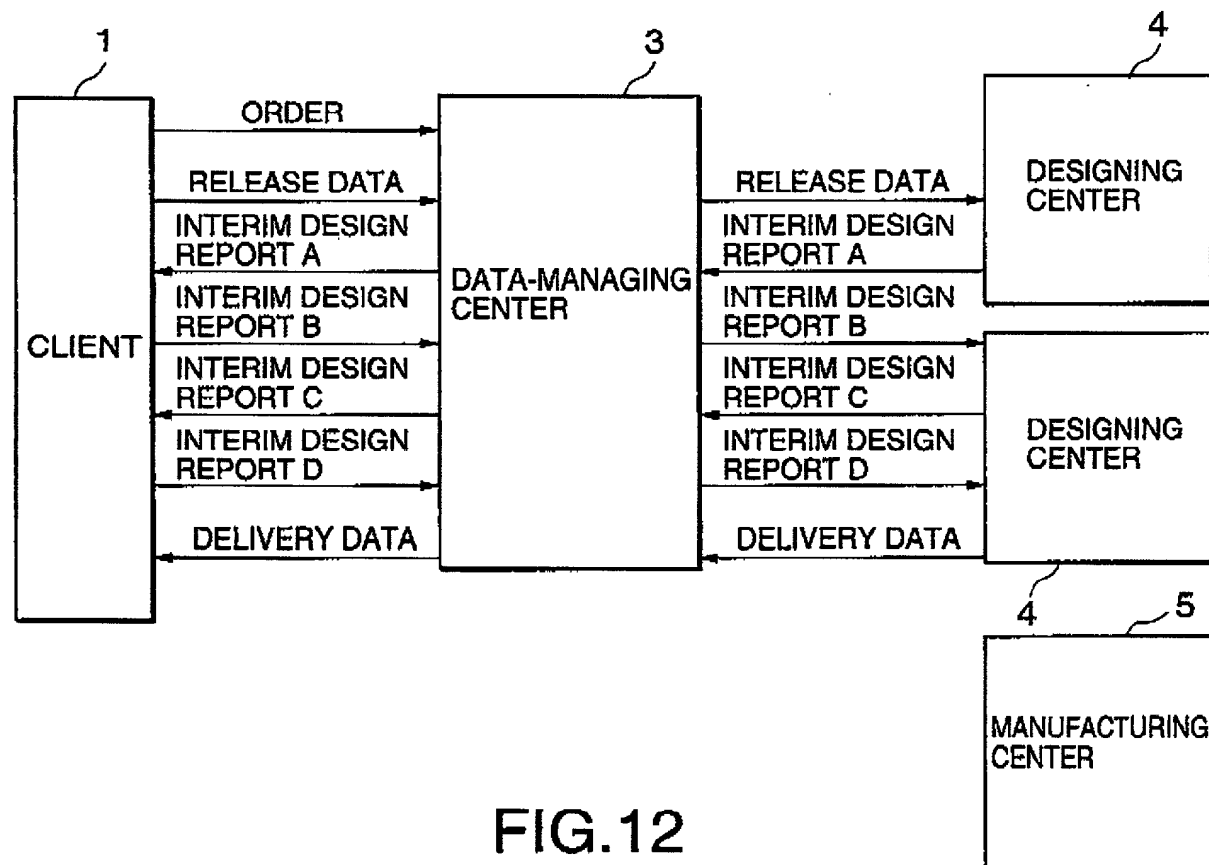


FIG. 12

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COST/NUMBER-OF-DAYS DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND-HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED	COST (YEN)	NUMBER OF DAYS REQUIRED
A	2,000,000	1	1,500,000	2	1,000,000	5	NULL	NULL	750,000	14 OR LESS
B	6,000,000	1	4,000,000	3	3,000,000	7	2,500,000	12	2,000,000	20 OR LESS
C	10,000,000	2	7,000,000	5	5,000,000	10	4,500,000	18	4,000,000	30 OR LESS
D	NULL	NULL	15,000,000	10	10,000,000	14	9,000,000	25	NULL	NULL
.....										

FIG.13

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RESERVATION DATABASE (EXAMPLE)

PRODUCT TYPE	COURSE (URGENCY)	RESERVATION STATUS							
		4/1	4/2	4/3	4/4	4/5	4/6	4/7	4/8
A	H	0	1	0	0	1	0	1	1
	SH	1	0	1	2	1	0	2	1
	N	0	0	2	0	0	1	2	3
	SL	NULL							
B	L	0	1	1	0	1	2	1	2
	H	0	0	0	0	0	0	0	1
	SH	0	0	1	0	0	1	0	0
	N	0	0	0	0	0	0	0	0
	SL	0	0	0	1	0	0	1	0
C	L	0	0	0	0	0	1	1	0
	H	1	0	0	1	0	1	0	1
	SH	0	1	1	0	1	1	0	1
	N	0	0	0	0	0	0	1	2
	SL	0	0	0	0	0	0	1	0
D	L	0	0	0	0	0	0	0	1
	H	NULL							
	SH	0	0	1	0	0	0	1	0
	N	0	0	0	0	1	1	0	2
	SL	0	0	0	1	0	0	0	1
.....	L	NULL							

FIG.14

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DESIGN/MANUFACTURE STATUS DATABASE (EXAMPLE)

ORDER				RELEASE				DESIGN				MANUFACTURE				
CLIENT	PRODUCT NAME	PRODUCT TYPE	COURSE	RESERVATION DATE	INFORMATION TYPE	SCHEDULED DATE OF RELEASE	COMPLETION DATE OF RELEASE	RESPONSIBLE DESIGNING CENTER	STEP A1 SCHEDULED DATE OF RELEASE	STEP A2 SCHEDULED DATE OF RELEASE	RESPONSIBLE MANUFACTURING CENTER	STEP B1 SCHEDULED DATE OF RELEASE	STEP B2 SCHEDULED DATE OF RELEASE	COMPLETION DATE OF RELEASE		
AAA1	ABC	A	N	aa1	LOGIC DESIGN DATA	ab1	ac1	X1	ad1	ae1	af1	ag1	ah1	ai1	aj1	..
AAA2	EFG	D	N	aa2	LOGIC DESIGN DOC.	ab2	ac2	X2	ad2	ae2	af2
AAA3	EFH	C	L	aa3	CIRCUIT DESIGN DATA	ab3	ac3	X2	ad3	ae3	af3	ag3	ah3		aj3	..
AAA4	KLM	B	SH	aa4	LOGIC DESIGN DATA	ab4		X1	ad4		af4		ah4		aj4	..
...

FIG.15

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CENTER-OPERATION-STATUS DATABASE (EXAMPLE)

	JAN.			FEB.			MAR.			APR.			MAY.			...
	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCESRATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCESRATIO	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCESRATIO	NUMBER OF OPERATING RESOURCES (NUMBER OF RESERVATIONS)	NUMBER OF OPERATION RESOURCES (RATIO)	NUMBER OF OPERATING RESOURCES (NUMBER OF RESERVATIONS)	NUMBER OF OPERATION RESOURCES (RATIO)	NUMBER OF OPERATING RESOURCES	NUMBER OF OPERATION RESOURCES (RATIO)	NUMBER OF OPERATION RESOURCES (RATIO)	
DESIGNING CENTER X1	28	30	93.3%	30	30	100.0%	35	40	87.5%	36	40	90.0%	16	40	40.0%	...
DESIGNING CENTER X2	26	30	86.7%	27	30	90.0%	27	30	90.0%	26	30	86.7%	11	30	36.7%	...
...
MANUFAC- TURING CENTER Y1	30	30	100.0%	29	30	96.7%	30	30	100.0%	26	30	86.7%	14	30	46.7%	...
MANUFAC- TURING CENTER Y2	19	20	95.0%	20	20	100.0%	20	20	100.0%	15	20	75.0%	6	20	30.0%	...
MANUFAC- TURING CENTER Y2										15	20	75.0%	7	20	35.0%	...
...

FIG.16

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CANCELLATION DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	WITHIN 2 DAYS	WITHIN TODAY	WITHIN 5 DAYS	WITHIN TODAY	WITHIN 7 DAYS	WITHIN TODAY	WITHIN 7 DAYS	WITHIN TODAY	WITHIN 10 DAYS	WITHIN TODAY
A	600,000	1,000,000	300,000	600,000	100,000	300,000	NULL		80,000	250,000
B	1,800,000	3,000,000	800,000	1,600,000	300,000	900,000	250,000	750,000	200,000	600,000
C	3,000,000	5,000,000	1,400,000	2,800,000	500,000	1,500,000	450,000	1,350,000	400,000	1,200,000
D	NULL		3,000,000	5,000,000	1,000,000	3,000,000	900,000	2,700,000	NULL	
.....										

(COST UNIT : YEN)

FIG.17

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INSURANCE DATABASE (EXAMPLE)

URGENCY PRODUCT TYPE	HIGHEST (H)		SECOND HIGHEST (SH)		REGULAR (R)		SECOND LOWEST (SL)		LOWEST (L)	
	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM	REDESIGN- INSURANCE PREMIUM	CANCELLATION- INSURANCE PREMIUM
A	r1a	c1a	r2a	c2a	r3a	c3a	NULL		r5a	c5a
B	NULL	NULL	r2b	c2b	r3b	c3b	r4b	c4b	r5b	NULL
C	r1c	c1c	r2c	c3c	r3c	c3c	r4c	c4c	r5c	c5c
D	NULL		r2d	c3d	r3d	c3d	r4d	c4d	NULL	
.....

FIG.18

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PER-CLIENT DESIGN-AND-MANUFACTURE HISTORICAL-LOG DATABASE (EXAMPLE)

CLIENT	CURRENT PRODUCT										TOTAL						
	PRODUCT NAME	PRODUCT TYPE	COURSE	RESERVATION DATE	ORDER		MANUFACTURE		PRODUCT TYPE	NUMBER OF REDESIGN ORDERS	ORDER		MANUFACTURE		RESERVATION RESTRICTION	REDESIGN OCCURRENCE RATIO	RESERVATION RESTRICTION
					NUMBER OF REDESIGN OCCURRENCES	CANCELLATION	NUMBER OF MANUFACTURES	CANCELLATION			NUMBER OF REDESIGN ORDERS	REDESIGN OCCURRENCE RATIO	REDESIGN CANCELLATION RATIO	RESERVATION RESTRICTION			
AAA1	ABA	A	SH	ba1	bb1	*	bc1		A	bd1	be1	bf1	bg1	bh1	bi1		
	ABB	C	SL	ba2	bb2		bc2	*	B	bd2	be2	bf2	bg2	bh2	bi2		
	ABC	A	N	ba3	bb3		bc3		C	bd3	be3	bf3	bg3	bh3	bi3	*	

AAA2	EFG	D	N	ca1	cb1				A	cd1	ce1	cf1	cg1	ch1	ci1		
	EFH	C	SL	ca2	cb2		cc2		B	cd2	ce2	cf2	cg2	ch2	ci2		

...

FIG.19

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REVISION-MANAGEMENT DATABASE (EXAMPLE)

CURRENT PRODUCT									
CLIENT	PRODUCT NAME	PRODUCT TYPE	NUMBER OF REVISIONS	DESIGN DATA PARAMETER					
				NUMBER OF GATES	DELAY TIME	AREA SIZE	CONSUMPTION POWER	NET	FF
AAA1	AAG	A	rev1	pa1	pb1	pc1	pd1	pe1	pf1
			rev2	pa2	pb2	pc2	pd2	pe2	pf2
	AAH	B	rev1	pa2	pb3	pc3	pd3	pe3	pf3
			rev2	pa4	pb4	pc4	pd4	pe4	pf4
			rev3	pa5	pb5	pc5	pd5	pe5	pf5
...

FIG.20

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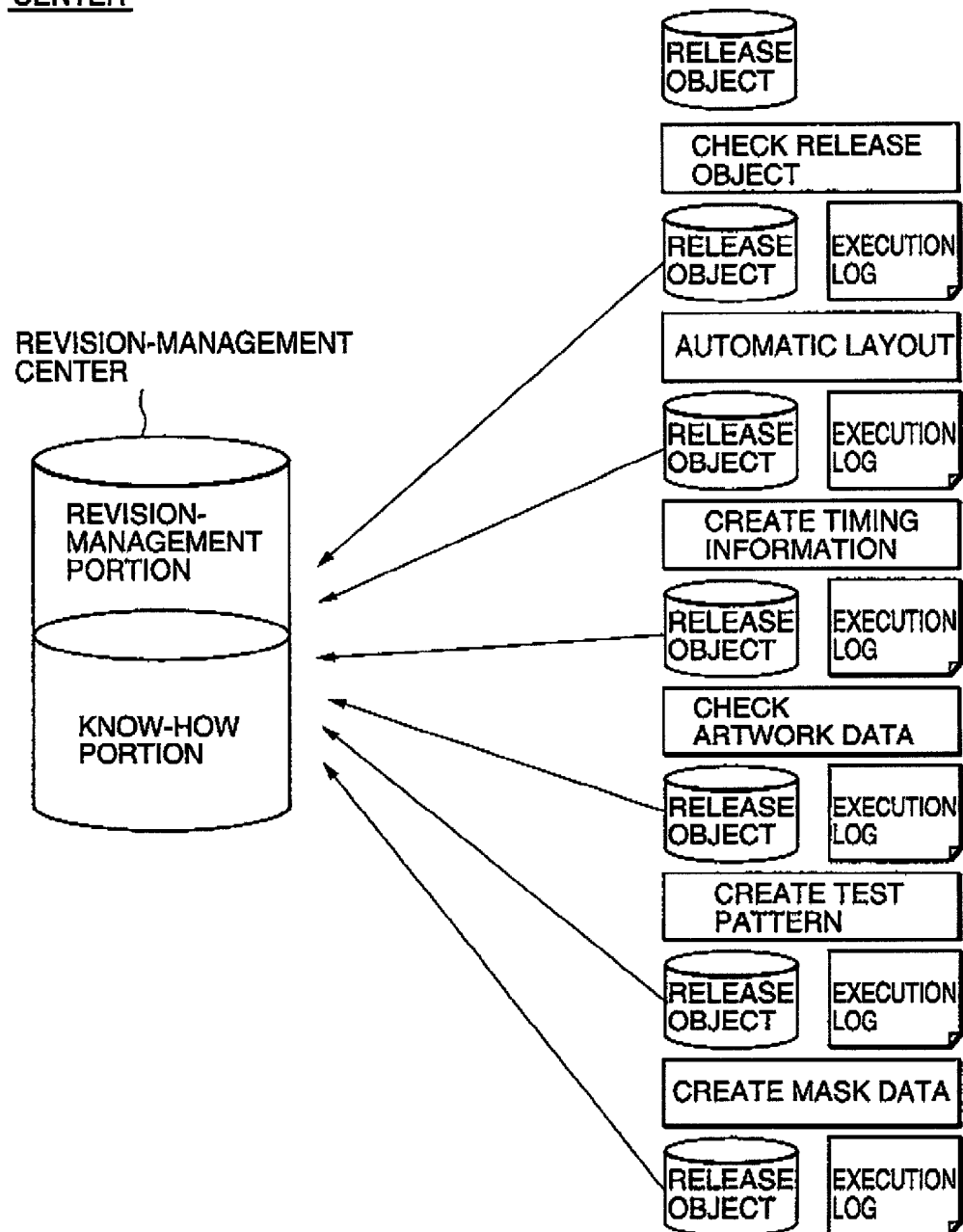
DATA-MANAGEMENT
CENTERDESIGNING CENTER

FIG.21

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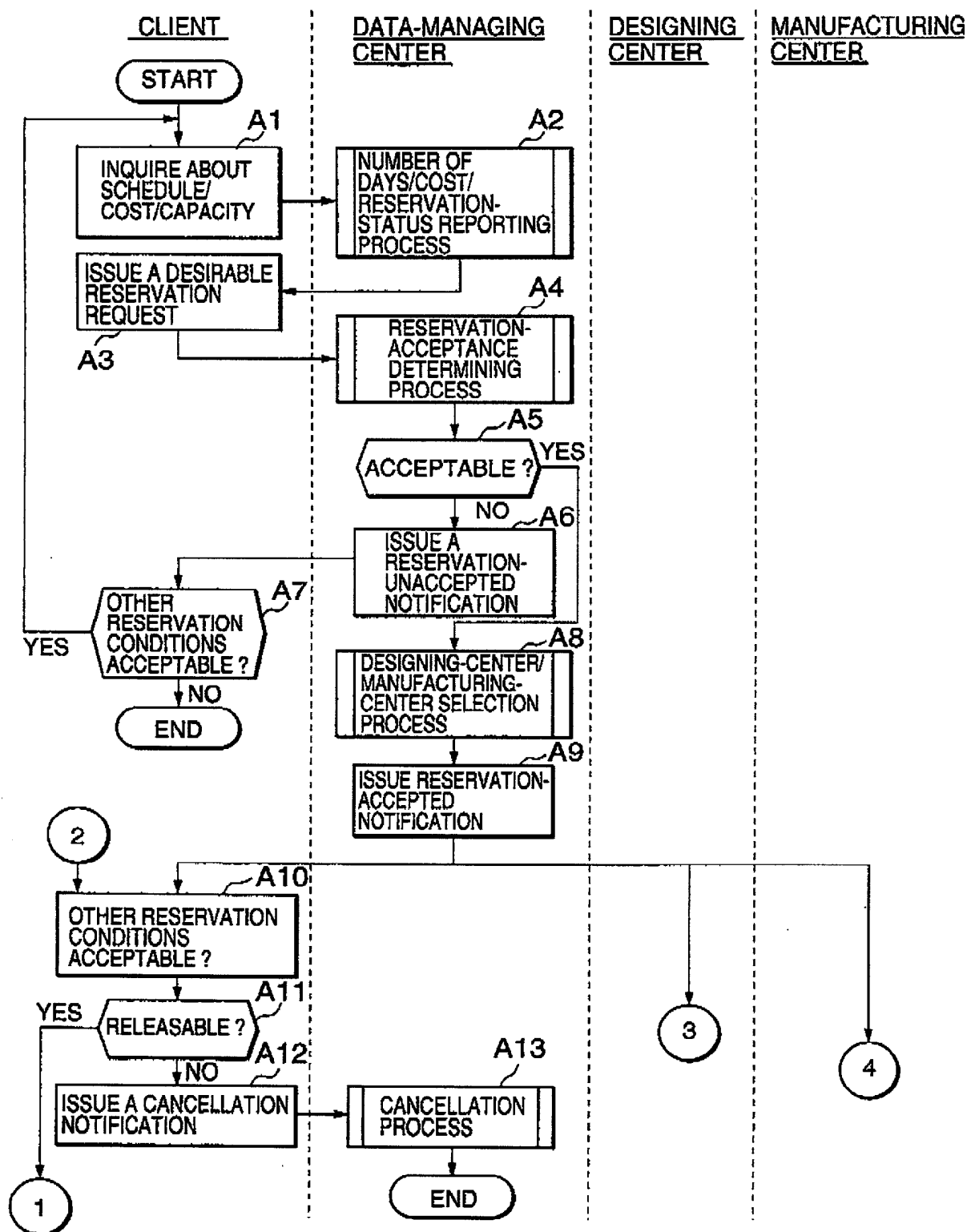


FIG.22

Year	Country	Value	Unit
1990	Algeria	1.00	kg
1991	Algeria	1.00	kg
1992	Algeria	1.00	kg
1993	Algeria	1.00	kg
1994	Algeria	1.00	kg
1995	Algeria	1.00	kg
1996	Algeria	1.00	kg
1997	Algeria	1.00	kg
1998	Algeria	1.00	kg
1999	Algeria	1.00	kg
2000	Algeria	1.00	kg
2001	Algeria	1.00	kg
2002	Algeria	1.00	kg
2003	Algeria	1.00	kg
2004	Algeria	1.00	kg
2005	Algeria	1.00	kg
2006	Algeria	1.00	kg
2007	Algeria	1.00	kg
2008	Algeria	1.00	kg
2009	Algeria	1.00	kg
2010	Algeria	1.00	kg
2011	Algeria	1.00	kg
2012	Algeria	1.00	kg
2013	Algeria	1.00	kg
2014	Algeria	1.00	kg
2015	Algeria	1.00	kg
2016	Algeria	1.00	kg
2017	Algeria	1.00	kg
2018	Algeria	1.00	kg
2019	Algeria	1.00	kg
2020	Algeria	1.00	kg
2021	Algeria	1.00	kg
2022	Algeria	1.00	kg
2023	Algeria	1.00	kg
2024	Algeria	1.00	kg
2025	Algeria	1.00	kg
2026	Algeria	1.00	kg
2027	Algeria	1.00	kg
2028	Algeria	1.00	kg
2029	Algeria	1.00	kg
2030	Algeria	1.00	kg
2031	Algeria	1.00	kg
2032	Algeria	1.00	kg
2033	Algeria	1.00	kg
2034	Algeria	1.00	kg
2035	Algeria	1.00	kg
2036	Algeria	1.00	kg
2037	Algeria	1.00	kg
2038	Algeria	1.00	kg
2039	Algeria	1.00	kg
2040	Algeria	1.00	kg
2041	Algeria	1.00	kg
2042	Algeria	1.00	kg
2043	Algeria	1.00	kg
2044	Algeria	1.00	kg
2045	Algeria	1.00	kg
2046	Algeria	1.00	kg
2047	Algeria	1.00	kg
2048	Algeria	1.00	kg
2049	Algeria	1.00	kg
2050	Algeria	1.00	kg
2051	Algeria	1.00	kg
2052	Algeria	1.00	kg
2053	Algeria	1.00	kg
2054	Algeria	1.00	kg
2055	Algeria	1.00	kg
2056	Algeria	1.00	kg
2057	Algeria	1.00	kg
2058	Algeria	1.00	kg
2059	Algeria	1.00	kg
2060	Algeria	1.00	kg
2061	Algeria	1.00	kg
2062	Algeria	1.00	kg
2063	Algeria	1.00	kg
2064	Algeria	1.00	kg
2065	Algeria	1.00	kg
2066	Algeria	1.00	kg
2067	Algeria	1.00	kg
2068	Algeria	1.00	kg
2069	Algeria	1.00	kg
2070	Algeria	1.00	kg
2071	Algeria	1.00	kg
2072	Algeria	1.00	kg
2073	Algeria	1.00	kg
2074	Algeria	1.00	kg
2075	Algeria	1.00	kg
2076	Algeria	1.00	kg
2077	Algeria	1.00	kg
2078	Algeria	1.00	kg
2079	Algeria	1.00	kg
2080	Algeria	1.00	kg
2081	Algeria	1.00	kg
2082	Algeria	1.00	kg
2083	Algeria	1.00	kg



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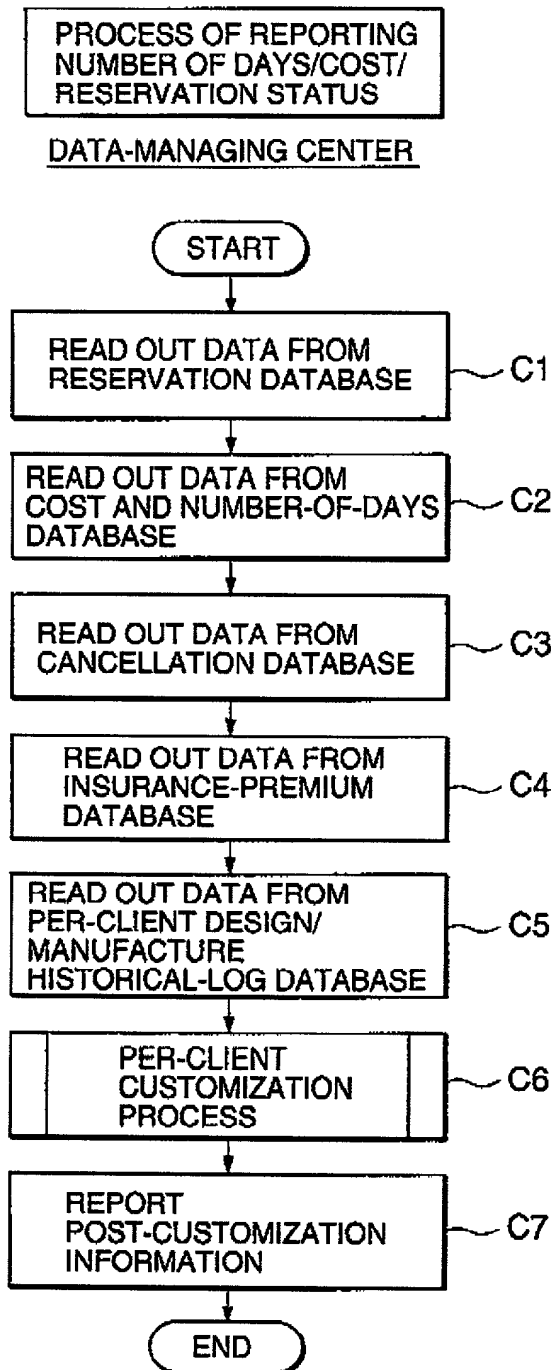


FIG.24

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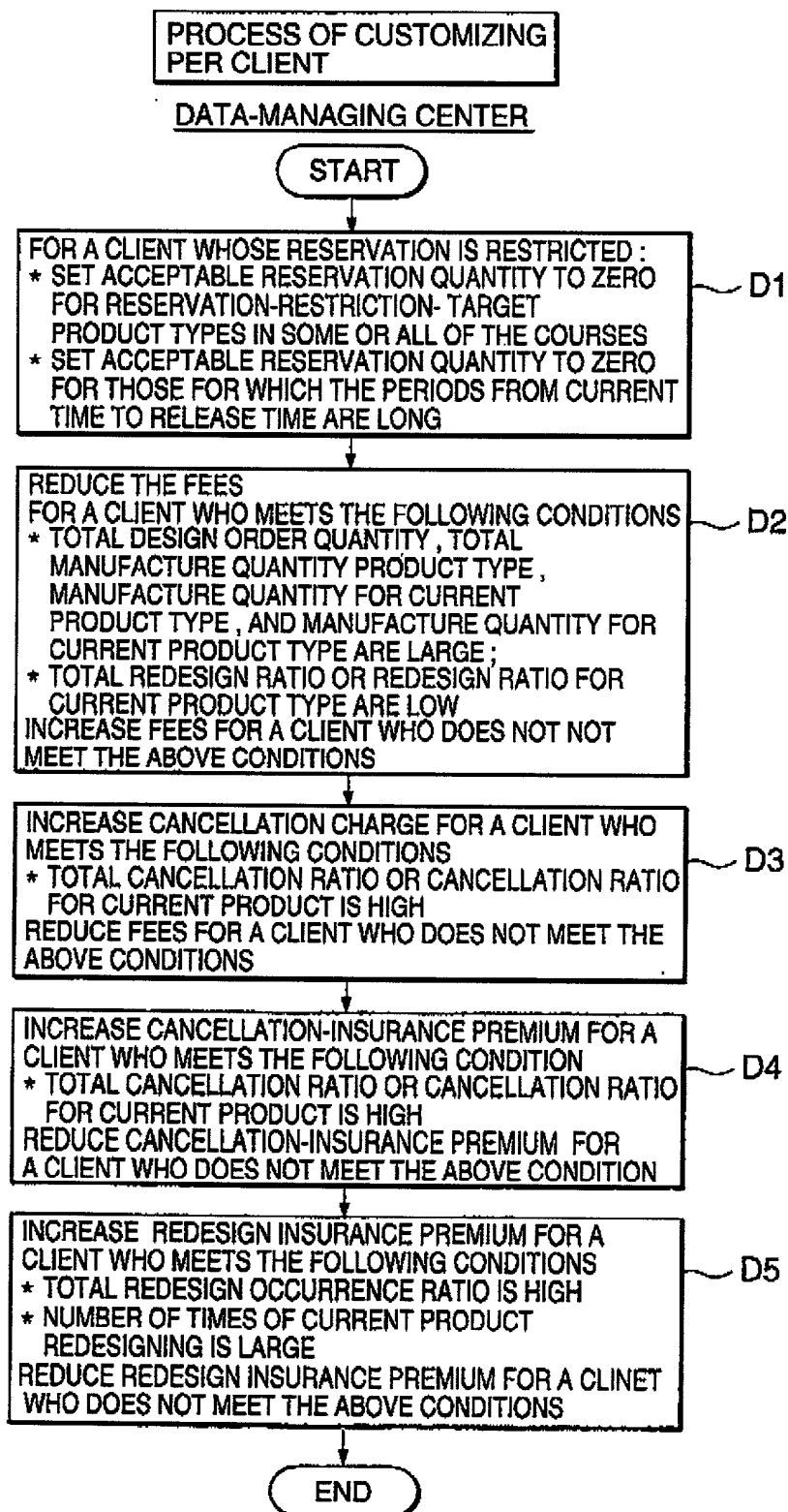


FIG.25

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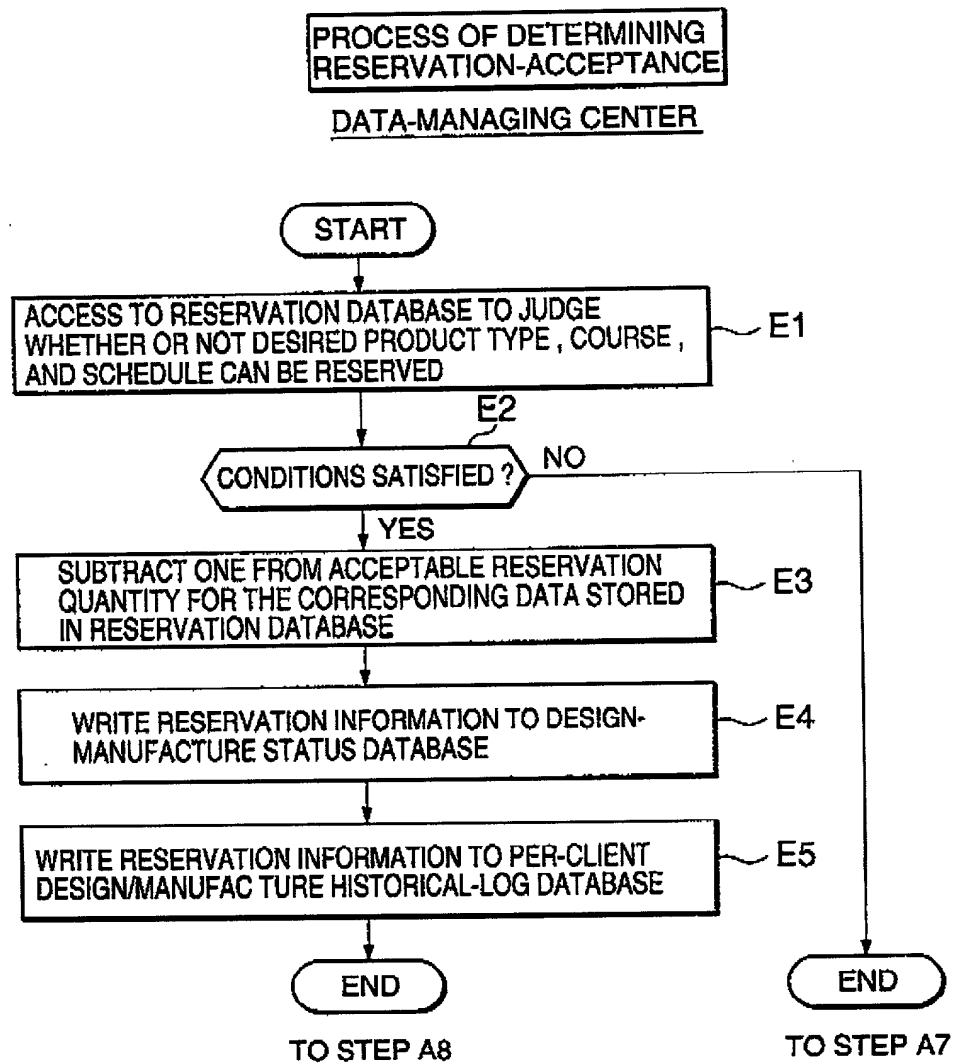


FIG.26

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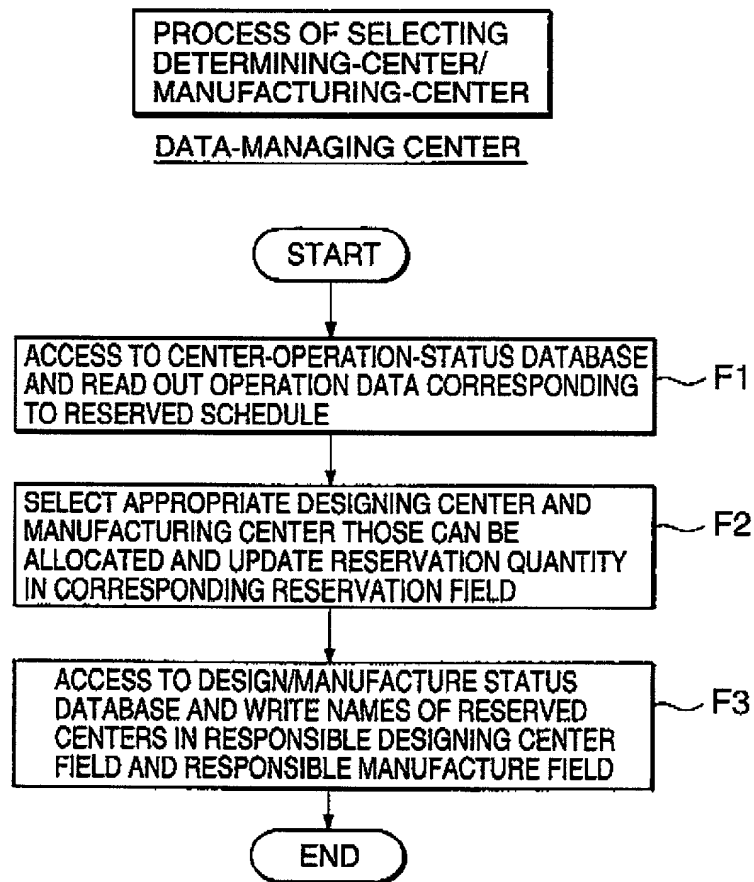


FIG.27

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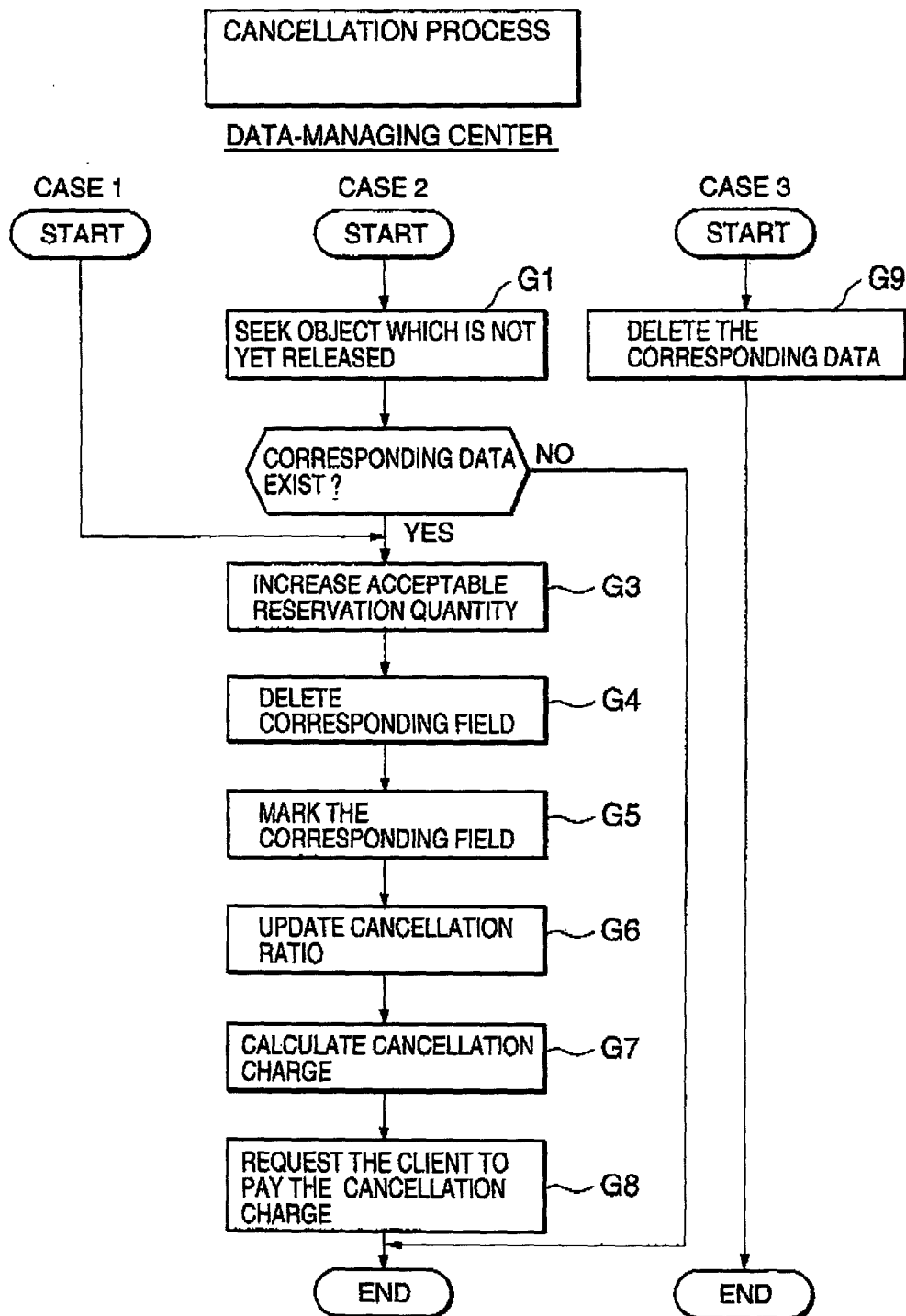


FIG.28

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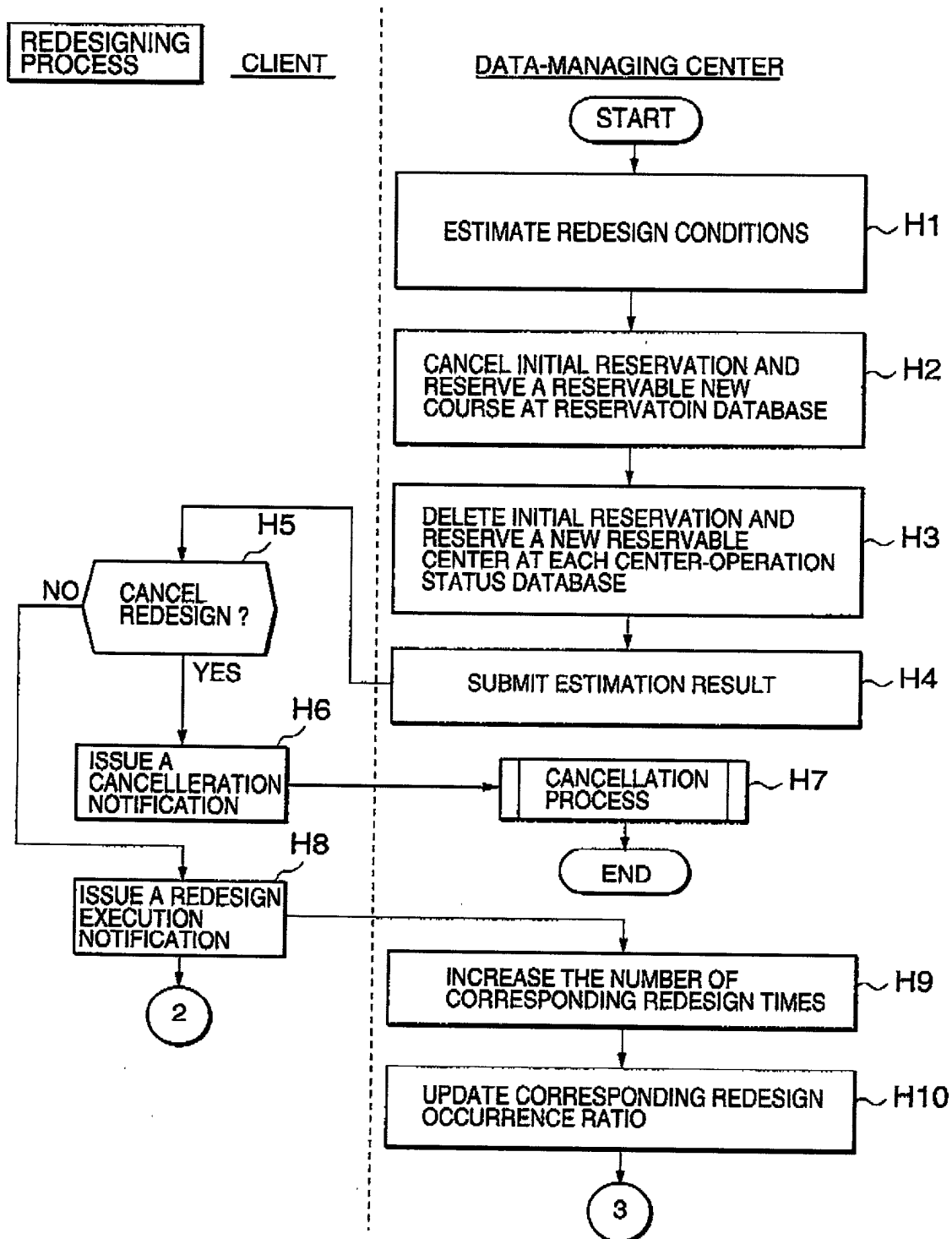


FIG.29

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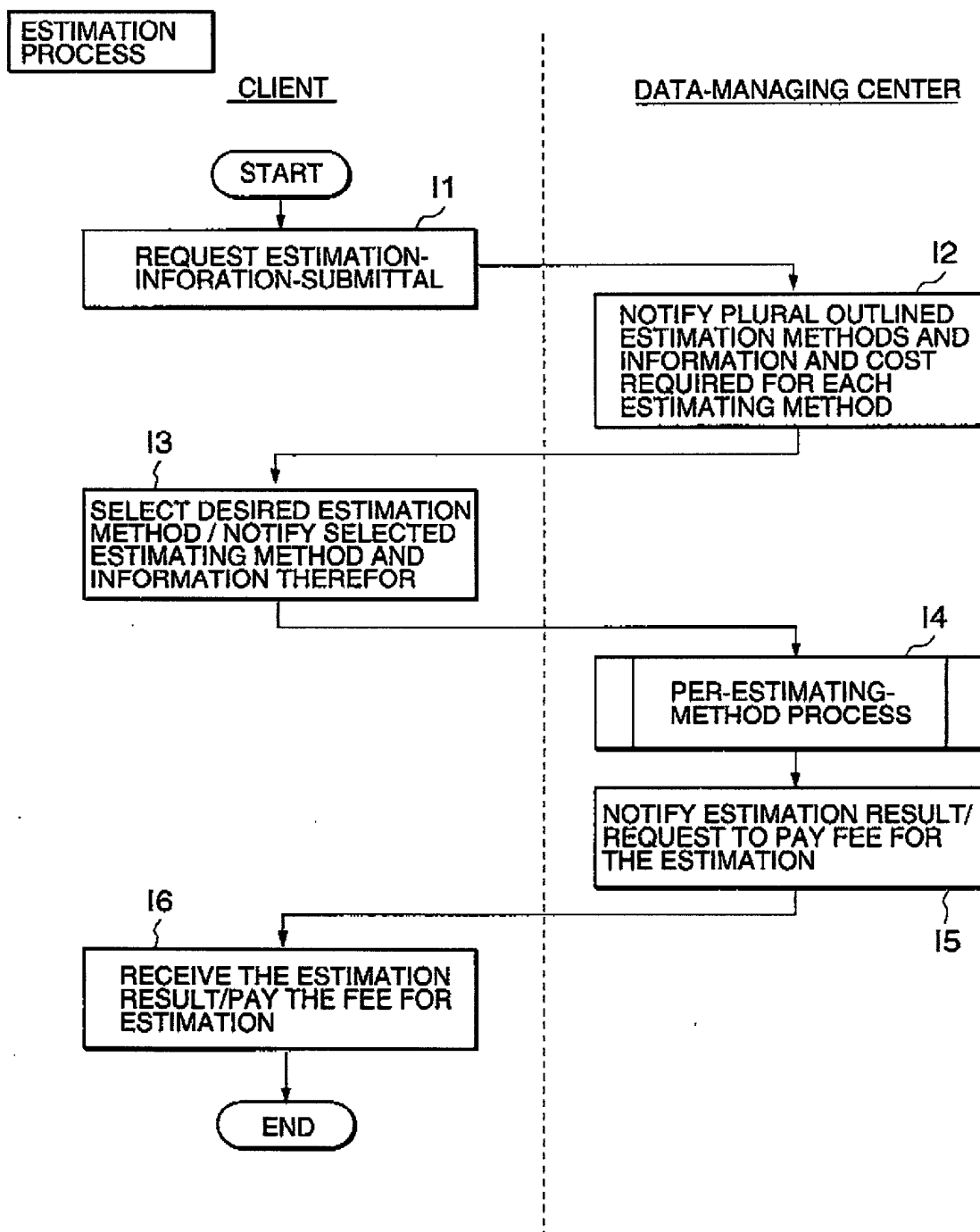


FIG.30

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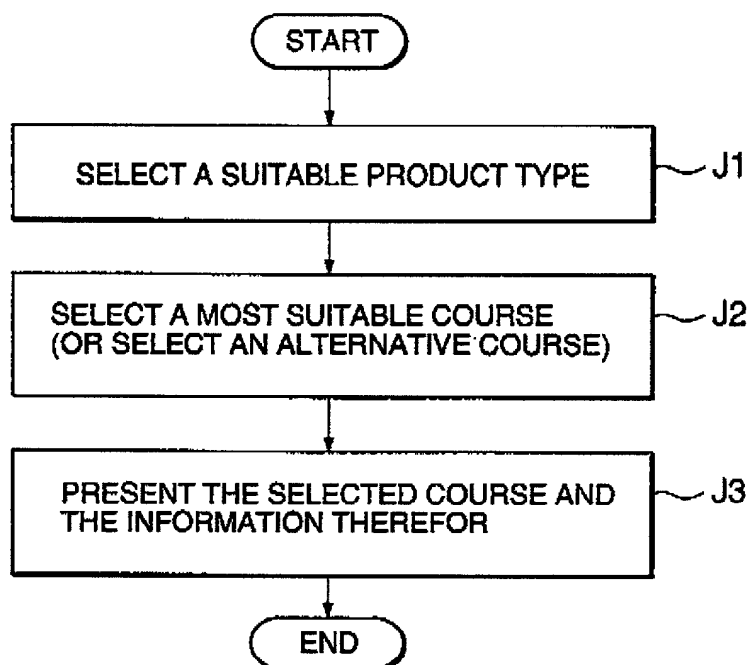
DATA-MANAGING CENTER

FIG.31

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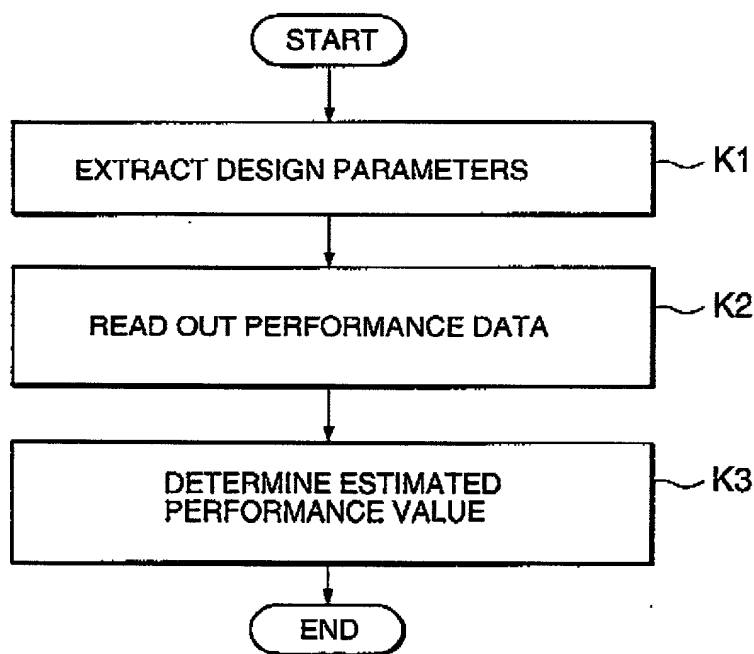
DATA-MANAGING CENTER

FIG.32